## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                              | INITIALS | ID NO. | DATE          |
|---------------------------------------|----------|--------|---------------|
| · · · · · · · · · · · · · · · · · · · |          |        |               |
| FEE DEVERMINATION                     |          |        |               |
| O.I.P.E. CLASSIFIER                   | ni ni    | 6      | 3-29-01       |
| FORMALITY REVIEW                      |          |        |               |
| RESPONSE FORMALITY REVIEW             | C.S.W.   |        | 08 AM ril 200 |
|                                       |          |        | 1110000       |

## **INDEX OF CLAIMS**

| ~ | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
| = | Allowed                    | I | Interference |
| _ | (Through numeral) Canceled | Α | Appeal       |
| ÷ | Restricted                 | 0 | Objected     |

|          |               | _        |              |                                                  |               |              |                                                  |              |                                                  |          |          | ······· |          |
|----------|---------------|----------|--------------|--------------------------------------------------|---------------|--------------|--------------------------------------------------|--------------|--------------------------------------------------|----------|----------|---------|----------|
| Cla      | aim           | L        |              |                                                  |               | Da           | te                                               |              |                                                  |          |          |         |          |
| Final    | Original      | 3        |              |                                                  |               |              |                                                  |              |                                                  |          |          |         | i        |
| -        | I             | D'       | 1            | T                                                | 1             | ⇈            | T                                                |              | Т                                                | Т        | Т        |         | Г        |
|          | 2             | V        | 1            |                                                  | Т             | †            | T                                                | T            | T                                                | 1        | 1        |         | r        |
| _ {      | 3             | V        | 1            |                                                  |               |              |                                                  | <b>—</b>     | 1                                                | Τ        | Г        | 1       |          |
|          | 4             |          | ╁╴           | 1                                                | T             | †-           | 1                                                | T            | $\top$                                           | t        | T        | 1       | r        |
| _        | 5             |          |              | T                                                | t             |              | T                                                | $\top$       | T                                                | T        | ┢        | 1       | r        |
|          | 6             |          |              | Τ                                                |               | T .          | 1                                                | T            | T                                                | $\vdash$ | T        | 1       |          |
|          | 7             |          | Ī            | T                                                | Ť             |              |                                                  |              | T                                                | Ι_       | T        | 1       | Γ        |
| _        | 8             |          | T            | T                                                | 1             | 1            | T                                                | 1            | T                                                | $\vdash$ | $\vdash$ | 1       | r        |
|          | 9             |          |              |                                                  | 1             |              | 1                                                | 1            |                                                  | 1        | 1        | 1       | r        |
|          | 10            | 7        | T            | T                                                | $\vdash$      | $\vdash$     | T                                                | T            | +                                                | ✝        | T        | 1       | r        |
|          | 11            | 1        | _            | †                                                | 1             |              | t                                                |              | t                                                |          |          | 1       | r        |
|          | 12            | ,        |              | T                                                | $\vdash$      | T            | T                                                | T            | <del> </del>                                     | $\vdash$ | T        | 1       | r        |
|          | 13            | ٠.       | T            | $\vdash$                                         | $\vdash$      | ✝            | T                                                |              | <b>†</b>                                         | T        | T        | 1       | r        |
|          | 14            |          |              |                                                  |               | †            | 1                                                | 1            | $\vdash$                                         | $\vdash$ |          | 1       | r        |
| _        | 15            |          |              |                                                  | Г             |              |                                                  | T            | t                                                | 1        | <b>†</b> |         | r        |
|          | 16            |          | ╁            | T                                                | T             | T            | t                                                | T            | $\vdash$                                         | t        | T        |         | r        |
|          | 17            |          | ┢            | $\vdash$                                         | ✝             | T            |                                                  | T            | 1                                                | t        | t        |         | r        |
| _        | 18            | _        |              | T                                                |               | T            | T                                                | $\vdash$     | T                                                | <u> </u> | $\vdash$ | 1       | r        |
|          | 19            |          |              | T                                                | Ι-            | †            | H                                                | ┢            | ✝                                                |          | $\vdash$ | i       | r        |
| _        | 20            |          | Н            | $\vdash$                                         | <u> </u>      | +            | ┢                                                | <del> </del> | ┢                                                | ┢        | -        | 1       | r        |
| -        | 21            | _        | ┝            | ⊢                                                | ┢             | -            | ┢                                                | $\vdash$     | ╁                                                | ├        | -        | 1       | Н        |
| -        | 22            | _        | ┢            | <del>                                     </del> | $\vdash$      | ┼            |                                                  | H            | <del> </del>                                     | ├-       | ┢        | ł       | H        |
|          | 23            |          | -            | $\vdash$                                         | ┢             | $\vdash$     | ╁                                                | $\vdash$     | +                                                | ┢╌       | ┢        | 1       | H        |
| _        | 24            | -        | -            | <del> </del>                                     | ├—            | ╁            | ┢                                                | ╁            | ╁                                                |          | ┢        | ł       | H        |
| =        | 25            |          | -            | ┢╌                                               | $\vdash$      | ├            | -                                                | -            | ╁                                                | ├        | ┢        | ł       | H        |
|          | 26            | _        | $\vdash$     |                                                  | Н             | $\vdash$     | $\vdash$                                         | $\vdash$     | $\vdash$                                         | ╁        |          | 1       | H        |
| -        | 27            | _        | ├            | ├                                                | ┢             | $\vdash$     | ┢                                                | ╁            |                                                  | H        | $\vdash$ | ł       | H        |
| -        | 28            |          | $\vdash$     | $\vdash$                                         | $\vdash$      | $\vdash$     | ┢                                                | $\vdash$     | ⊢                                                |          |          | 1       | ┝        |
| $\dashv$ | 29            |          |              | -                                                | -             | -            | ┢                                                | $\vdash$     | <del>                                     </del> |          |          | ĺ       | ┝        |
| $\dashv$ | 30            |          | ┢            | ┢                                                |               | <del> </del> | <del>                                     </del> | -            | ┢                                                | $\vdash$ | ├-       | ł       | H        |
| -        | 31            | _        | <del></del>  | ┢                                                |               | -            | -                                                | $\vdash$     | -                                                | ⊢        | $\vdash$ |         | 卜        |
| $\dashv$ | 32            | _        | <u> </u>     |                                                  |               | <del> </del> | -                                                | -            | ├╌                                               |          | -        | İ       | H        |
| $\dashv$ | 33            |          | 7            | $\vdash$                                         | -             | <del> </del> |                                                  | -            | -                                                |          |          |         | H        |
| $\dashv$ | 34            |          | H            | -                                                |               | $\vdash$     |                                                  | ├            | $\vdash$                                         | -        | -        | ĺ       | H        |
| $\dashv$ | 35            | {        | $\vdash$     | Н                                                | H             | $\vdash$     | $\vdash$                                         |              | $\vdash$                                         | -        |          | 1       | H        |
| $\dashv$ | 36            |          | $\vdash$     | <del> </del>                                     | -             | -            | -                                                | <del> </del> | $\vdash$                                         | $\vdash$ |          | 1       | H        |
| $\dashv$ | 37            | _        | $\vdash$     | $\vdash$                                         | $\vdash$      | $\vdash$     | $\vdash$                                         | -            | $\vdash$                                         |          | -        | ĺ       | 卜        |
| -        | 38            | -        | $\vdash$     |                                                  |               | $\vdash$     | -                                                | 1            | <del> </del>                                     | Н        | -        |         | H        |
|          | 39            | $\dashv$ | <del>-</del> | H                                                | ┢┈            |              | $\vdash$                                         | $\vdash$     |                                                  | H        |          | İ       | 一        |
| _        | 40            | -        | _            | $\vdash$                                         | $\vdash$      |              | $\vdash$                                         |              |                                                  | Н        | _        |         | H        |
| -        | 41            | -        | $\vdash$     | -                                                |               | $\vdash$     | -                                                | -            | $\vdash$                                         | $\vdash$ | -        | l       | $\vdash$ |
|          | 42            | $\dashv$ | -            | <u> </u>                                         |               | -            | $\vdash$                                         |              | -                                                | -        |          |         | $\vdash$ |
|          | 43            | -        |              | $\vdash$                                         | $\vdash$      | $\vdash$     | $\vdash$                                         | $\vdash$     | $\vdash$                                         | $\vdash$ | $\vdash$ |         | $\vdash$ |
| $\dashv$ | 44            |          | _            | $\vdash$                                         | $\vdash$      | $\vdash$     | $\vdash$                                         | $\vdash$     | $\vdash$                                         | Н        | ├-       |         | $\vdash$ |
| $\dashv$ | 44            |          |              | ├-                                               | ├-            | <del> </del> | $\vdash$                                         | $\vdash$     | -                                                | H        | -        |         | -        |
| -        | $\rightarrow$ | $\dashv$ |              | <del> </del>                                     | -             | H            | ⊨                                                | $\vdash$     | -                                                | Н        | -        |         | -        |
|          | 46<br>47      | -        |              | <u> </u>                                         | <del> -</del> | <del> </del> | $\vdash$                                         | -            | $\vdash$                                         | Н        | μ-       |         | H        |
| -        | 47            | -        |              | <u> </u>                                         | -             | $\vdash$     | $\vdash$                                         |              | -                                                | H        | <u> </u> |         | H        |
|          | 48<br>49      | -        | <u> </u>     | $\vdash$                                         | $\vdash$      | $\vdash$     | $\vdash$                                         | $\vdash$     |                                                  | H        | <u> </u> |         | -        |
|          | 49            |          |              | L                                                | <u> </u>      |              | L.,                                              |              |                                                  | L        | L_       | 1       | <b>L</b> |

| Cla           | im       | L        |              |              |              | Da       | ate      |              |              |          |            |
|---------------|----------|----------|--------------|--------------|--------------|----------|----------|--------------|--------------|----------|------------|
| Final         | riginal  |          |              |              |              |          |          |              |              |          |            |
| ш             | 0        | ⊢        | ╀            | ╀            | +            | ╀        | +-       | ╀            | ╀            | +        | +-         |
| _             | 51<br>52 | ⊢        | ╀            | ┼-           | +-           | ╀        | +        | ╀            | ┼~           | ╀        | ╀          |
| <u> </u>      | 53       | ⊢        | ┼-           | ╁╌           | ╁╌           | ╁        | +-       | -            | ┿            | ╀        | ╀          |
| _             | 54       | L        | +            | ╀            | ┼            | ╀        | +        | +            | ┼            | 1        | 1          |
| <del> </del>  | 55       | -        | +-           | ╁            | ┼            | ╁        | +        | ┼~           | +-           | ╀╌       | +-         |
| -             | 56       | ⊢        | ╁            | ╁            | ╫            | ╀        | +-       | ╫            | ┼~-          | ╁╌       | ╁          |
| ⊢             | 57       | -        | ┼            | ╁            | ╫            | +        | ╂~       | +-           | ╁╴           | ╁        | ┾          |
| -             | 58       | -        | +            | $\vdash$     | +            | ╁        | ╫        | +            | ╁            | ┢        | ╁          |
| -             | 59       | -        | ╁            | ┼-           | ┼-           | +-       | ╀╌       | ╀            | +            | ╁        | ╁          |
|               | 60       | -        | ┼            | ╁            | ╁            | +        | +        | ╁            | ╁            | -        | ╁          |
|               | 61       |          | ╁            | ╁            | +-           | ╁╌       | ╁╾       | +-           | +            | ╁        | ╁          |
|               | 62       | -        | ┼            | ╁╌           | +            | +-       | ╁        | +            | ╁            | ╁        | ┾          |
|               | 63       | ┝╌       | ┼-           | -            | ╀╌           | ╀╴       | +        | +            | ╁            | ┾        | ╁╴         |
|               | 64       | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$     | +        | +        | +            | +            | ╁        | +-         |
|               | 65       | ├        | -            | ┼~           | ╁            | ╁        | ╁        | $\vdash$     | $\vdash$     | ╁        | ╁╴         |
| -             | 66       | $\vdash$ | t            | +            | ╁            | +-       | $\vdash$ | ╁╌           | $\vdash$     | -        | +          |
|               | 67       | -        | ł-           | ╁╌           | ╁┈           | ┼~       | ╂╌       | ╁            | +            | +        | +          |
|               | 68       | $\vdash$ | $\vdash$     | $\vdash$     | +-           | ┼~       | ┼~       | ╁            | ╀            | +        | ╁          |
| Н             | 69       |          | ╁╴           | ┼-           | ╁╌           | ╁        | -        | ╁            | +-           | ┢        | ┝          |
|               | 70       | -        | ╀            | ╁╌           | ╁            | $\vdash$ | +        | ┼─           | -            | ┼        | ╁          |
|               | _        | _        | ├-           | -            |              | ╁        | ╀        | ╀            | ┾            | ╀        | <b>}</b> — |
| _             | 71       | _        | ├            | -            | ┞~           | <b>├</b> | ┼        | ╀            | 1            | ╀        | ├-         |
|               | 72<br>73 |          | ├_           | <del> </del> | <del> </del> | ⊢        | ├-       | <u> </u>     | <u> </u>     | _        | ┡          |
|               | 74       |          | <u> </u>     | ⊢            |              | ┢        | 1        | ┢            | ╁            | ├_       | -          |
| -             |          |          | ┢            | -            | ₽            | ┢        | -        | ├-           | ├-           | ├-       | ├-         |
| $\dashv$      | 75<br>76 |          | ├            | ├            | ├            | -        | ┼        | -            | ⊢            | <u> </u> | -          |
| $\dashv$      | 77       |          | -            |              | ⊢            | <u> </u> | Ͱ        | ⊢            | ├—           | ┝        | ├          |
|               | 78       |          |              | ├            | -            | ├-       | ╀        | ⊢            | ╀            | -        | -          |
|               | 79       |          | ├            |              | ⊢            | ⊢        | $\vdash$ | H            | ├            | ├        |            |
|               | 80       |          |              | ⊢            | -            | ┢        | ⊢        | ├            | ├—           | ⊢        |            |
| -             | 81       |          | -            |              | ┢            |          | ╁        | ⊢            | -            | ├        |            |
| $\dashv$      | 82       | -        | -            |              | ┢            | ⊢        |          | $\vdash$     | ├-           | ├        | ⊢          |
|               | 83       |          |              |              |              |          | -        | -            | ⊢            | ⊢        | H          |
| _             | 84       |          |              |              | ⊢            | $\vdash$ | ├—       | ⊢            | ├-           | -        | $\vdash$   |
| $\rightarrow$ | 85       |          |              |              | ⊢            | H        | -        | ⊢            | ⊢            | $\vdash$ | -          |
|               | 86       |          | ├            | <del> </del> |              |          | -        | ⊢            | ⊢            | ┢        | -          |
|               | 87       |          | $\vdash$     | $\vdash$     | -            |          |          | _            | ├            |          | ⊢          |
| _             | 88       |          | -            |              | ├            | -        | ⊢        | $\vdash$     | -            | H        | -          |
| $\rightarrow$ | 89       |          | -            | -            | $\vdash$     | $\vdash$ | $\vdash$ |              |              | -        | ┝          |
| $\rightarrow$ | 90       |          | -            |              |              | $\vdash$ | $\vdash$ | _            | -            |          |            |
| _             | 91       | _        | $\vdash$     | -            | -            | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$     | -        | <u> </u>   |
|               |          |          | <del> </del> | <u> </u>     | $\vdash$     | <u> </u> | $\vdash$ | $\vdash$     | $\vdash$     | <u> </u> | <u> </u>   |
|               | 92<br>93 |          | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$ | -        | -            |              | _        | _          |
|               | 94       |          |              | -            | H            | -        | $\vdash$ | <del> </del> | <del> </del> | Н        | <u> </u>   |
|               | 94       |          |              |              | <b>—</b>     | _        | <u> </u> | <u> </u>     |              | Н        | <u> </u>   |
|               | _        | _        | $\vdash$     | -            | $\vdash$     |          | $\vdash$ | <u> </u>     | <u> </u>     | Н        | <u> </u>   |
|               | 96       |          | H            | L            | -            | -        | -        | _            | _            | $\vdash$ | _          |
|               | 97<br>98 |          | H            | L            | -            | <u> </u> | $\vdash$ | $\vdash$     | $\vdash$     | H        | <u> </u>   |
|               |          |          | <b> </b> -   | _            | $\vdash$     | <u> </u> | <u> </u> | -            | <u> </u>     | H        | _          |
|               | 99       |          | H            | <u> </u>     | $\vdash$     | <u> </u> |          | H            | _            | Н        |            |
| п             |          |          |              |              |              |          |          |              |              |          |            |

|               | . 1           |          |          |                                                  |                                     | Λ-       |          |          |                                                  |          |                                                  |
|---------------|---------------|----------|----------|--------------------------------------------------|-------------------------------------|----------|----------|----------|--------------------------------------------------|----------|--------------------------------------------------|
| Cla           | im            | ļ.       | т.       | т-                                               | _                                   | Da       | T        | 1        | _                                                |          | т-                                               |
| Final         | Original      |          |          |                                                  |                                     |          |          |          |                                                  | ļ        |                                                  |
| ⊢             | 101           | ┢        | $\vdash$ | ╁                                                | ┢                                   | +        | ╁┈       | ┿┈       | ╁                                                | +        | ╁                                                |
|               |               | _        | ├        | ╁                                                | ╁                                   | ┾╌       | ╁        | ┼        | -                                                | ┼        | ╁                                                |
| $\vdash$      | 102           |          | ⊢        | ╀                                                | ╀                                   | ╄-       | ╁        | ـــ      | ┡                                                | ₩        | ╄                                                |
|               | 103           |          | <u> </u> | ↓.                                               | L                                   | $\perp$  | 丄        | _        | L                                                | <u> </u> |                                                  |
| <u>_</u>      | 104           | _        | ┺        | _                                                | ┺                                   | ╄-       | 1_       | ╙        | L                                                | <u> </u> | ┖                                                |
| $\vdash$      | 105           |          | _        | 1                                                | <u> </u>                            | ┸        | L        |          | $\perp$                                          | <u> </u> | L                                                |
|               | 106           |          | ┖        | L                                                | ╙                                   | $\perp$  | <u> </u> |          |                                                  |          |                                                  |
|               | 107           |          | L        | L                                                |                                     | L        | <u> </u> |          | <u>L</u>                                         | <u> </u> | L                                                |
|               | 108           |          |          | <u>L</u>                                         |                                     | L        |          |          |                                                  |          |                                                  |
|               | 109           |          |          |                                                  | L                                   | Ĺ        |          |          |                                                  |          |                                                  |
| Γ             | 110           |          |          | П                                                |                                     | Π        | П        | П        | Г                                                |          | Π                                                |
|               | 111           |          |          |                                                  |                                     |          |          | 1        | Τ                                                | П        | Ī                                                |
| Г             | 112           |          |          |                                                  |                                     |          | 1        | T        | Т                                                |          | T                                                |
| П             | 113           |          |          | T                                                | †                                   | 1        |          |          |                                                  |          | Т                                                |
| П             | 114           |          | T        | 1                                                | $\vdash$                            |          | 1        | 1        | 1                                                | T        | <del>                                     </del> |
| П             | 115           |          | Т        | †                                                | T                                   | t        | t        | t        | T                                                | T        | T                                                |
| <b>—</b>      | 116           |          |          | $\vdash$                                         | $\vdash$                            | $t^{-}$  | †        | +-       | <del>                                     </del> | 1        | +                                                |
| $\vdash$      | 117           |          | $\vdash$ | $\vdash$                                         | T                                   | +-       | +        | †        | ╁                                                |          | $\vdash$                                         |
| -             | 118           | -        | $\vdash$ | 1                                                | +                                   | +        | +        | $\vdash$ | <del>                                     </del> | 1        | $\vdash$                                         |
| _             | 119           |          | ├        | ╁╌                                               | ⊢                                   | +        | ╁        | ┢        | H                                                | ┢        | ├                                                |
| _             | $\overline{}$ |          | ├        | 1                                                | ⊢                                   |          | -        | ┝        | ├                                                | ╀╌       | ╀                                                |
| Щ             | 120           |          | _        | Ļ.,                                              | ▙                                   | <u> </u> | ┞-       | ┡        | <u> </u>                                         | <u> </u> | ┡                                                |
|               | 121           |          |          | <u> </u>                                         | ļ                                   | <u>L</u> | ļ        | <u> </u> | ╙                                                |          | ╙                                                |
| Ш             | 122           |          | <u> </u> | L                                                | ╙                                   |          | _        | L_       | ļ                                                | L        | <u> </u>                                         |
| Ш             | 123           |          | _        | <u> </u>                                         | L                                   |          | <u> </u> |          | _                                                | _        | 匚                                                |
|               | 124           |          | <u> </u> | L                                                |                                     |          |          |          |                                                  |          |                                                  |
| -             | 125           |          |          |                                                  |                                     | 乚        |          | L        | L_                                               | L        | L                                                |
|               | 126           |          |          | <u> </u>                                         | L                                   |          |          |          |                                                  |          | L                                                |
|               | 127           |          | Ĺ        | <u> </u>                                         | <u> </u>                            | l        |          |          |                                                  |          |                                                  |
|               | 128           |          |          | <u>l</u> .                                       |                                     |          |          |          |                                                  |          |                                                  |
|               | 129           |          |          | Π.                                               | П                                   |          |          |          |                                                  |          | Г                                                |
|               | 130           |          |          |                                                  |                                     |          |          | П        |                                                  |          |                                                  |
|               | 131           |          |          |                                                  | -                                   |          | 1        |          |                                                  |          |                                                  |
|               | 132           |          |          | Γ                                                | Ī                                   |          |          |          |                                                  |          | Г                                                |
|               | 133           |          |          | <u> </u>                                         | Г                                   |          |          |          |                                                  |          |                                                  |
| $\Box$        | 134           | 7        |          | <u> </u>                                         |                                     | Ι        | $\vdash$ | $\vdash$ |                                                  | П        |                                                  |
|               | 135           | T        |          |                                                  |                                     | $\vdash$ | t        |          | Н                                                | П        | _                                                |
|               | 136           |          |          | <del>                                     </del> | <u> </u>                            | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$                                         |          | -                                                |
|               | 137           | $\dashv$ | _        | $\vdash$                                         |                                     | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$                                         | $\vdash$ |                                                  |
|               | 38            | -        |          |                                                  |                                     | -        | -        | -        |                                                  | Н        | _                                                |
|               | 39            | $\dashv$ | -        | $\vdash$                                         | $\vdash$                            |          | -        | -        |                                                  |          |                                                  |
| -             | 40            | -        |          | $\vdash$                                         | ├                                   |          | -        |          |                                                  | $\vdash$ | _                                                |
|               | 141           |          |          |                                                  | -                                   |          |          | $\vdash$ | <u> </u>                                         | -        |                                                  |
| $\rightarrow$ | -             |          |          | <u> </u>                                         | _                                   | <u> </u> |          | _        | $\square$                                        | $\Box$   |                                                  |
| $\sqcup$      | 142           | _        | _        | Li                                               | <u> </u>                            | <u> </u> |          | Ь        |                                                  |          |                                                  |
|               | 143           | _        |          | Щ                                                |                                     | Ш        | <u> </u> | $\vdash$ | Щ                                                | _        |                                                  |
| Ц             | 144           | _        |          | Ш                                                | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          |          | $\Box$   |                                                  | $\Box$   | _                                                |
| Щ             | 45            |          |          |                                                  | Ш                                   | Ш        | Ш        | Ш        |                                                  |          |                                                  |
| Щ             | 46            |          |          | L                                                | L                                   | L_       |          |          |                                                  |          |                                                  |
|               | 147           |          |          |                                                  |                                     |          |          |          |                                                  |          |                                                  |
| h             | 148           |          |          |                                                  |                                     |          |          |          |                                                  |          |                                                  |
| H             | 149           |          |          |                                                  |                                     |          |          |          |                                                  |          |                                                  |
|               | 50            | $\Box$   |          |                                                  |                                     |          |          |          |                                                  |          |                                                  |
|               |               | _        |          |                                                  |                                     |          |          |          |                                                  |          |                                                  |

If more than 150 claims or 10 actions staple additional sheet here

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